[]

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONTROL SYSTEM FOR INDIRECTLY HEATED CATHODE ION SOURCE

ne specification				

[]	was filed on				, bearin (if applicable		rney		
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.									
	owledge the duty tation in accordance					ion of	this		
§365(I PCT I below or PC priorit	by claim foreign p b) of any foreign applicate and have also ident T International applicate y is claimed: Foreign PCT International	plication(s) for p tion designating a tified below any lication having a	atent or inven at least one co foreign applic a filing date b	tor's certificate ountry other that cation for pates before that of	e, or section 36 an the United S nt or inventor's the application	5(a) of States I s certifn on w	any isted icate thich		
and 365(a),(b):									
							ority imed		
	(Number)	(Country-if PCT	, so indicate)	(DD/MM	YYY Filed)	[] YES	[] NO		
<u></u>	(Number)	(Country-if PCT	, so indicate)	(DD/MM)	YY Filed)	[] YES	[] NO		
	(Number)	(Country-if PCT	, so indicate)	(DD/MM	YY Filed)	[] YES	[] NO		

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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

601204,936	5-17-00
(Application Number)	(filing date)
60/204,938	5-17-00
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)		(filing date)	(status-patented, pending, abandoned)						
(Application No.)		(filing date)	(status-patented, pending, abandoned)						
PCT International Applications designating the United States:									
(PCT Appl. No.)	(U.S. Ser. No.)	(PCT filing date)	(status-patented,pending,abandoned)						

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David Wolf George L. Greenfield Stanley Sacks Edward F. Perlman Lawrence M. Green Steven J. Henry Edward R. Gates Therese A. Hendricks William R. McClellan Ronald J. Krandsdorf	17,528 17,756 19,900 28,105 29,384 27,900 31,616 30,389 29,409 20,004	Jason M. Honeyman James H. Morris Peter C. Lando Gary S. Engelson Randy J. Pritzker Richard F. Giunta Douglas R. Wolf Elizabeth R. Plumer Timothy J. Oyer John N. Anastasi	31, 624 34,681 34,654 35,128 35,986 36,149 36,971 36,637 36,628 37,765	James M. Hanifin, Jr. Christopher S. Schultz John R. VanAmsterdam Matthew B. Lowrie Robert E. Rigby, Jr. Robert A. Skrivanek, Jr. Robert M. Abrahamsen Edward J. Russavage William G. Gosz Neil P. Ferraro	37,929 39,039 33,228 36,904 41,316 40,886 37,482 43,069 27,787 39,188	Mark Steinberg Stephen R. Finch Joseph Teja, Jr. Jeffrey B. Powers Alan W. Steele Daniel P. McLoughlin Robert H. Walat Thomas G. Field Michael J. Pomianek M. Brad Lawrence	40,829 42,534 45,157 45,021 45,128 46,066 46,324 45,596 46,190 47,210
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature

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